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THIRD QUARTER 1977

Montana's Job Market

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MONTANA'S JOB MARKET

SUPPLY/DEMAND

Published in December 1977
For THIRD QUARTER 1977

STATE OF MONTANA

THOMAS L. JUDGE, GOVERNOR

DEPARTMENT OF LABOR AND INDUSTRY
DAVID E. FULLER, COMMISSIONER

EMPLOYMENT SECURITY DIVISION
FRED BARRETT, ADMINISTRATOR

A Labor Market Information Publication
PRODUCED BY THE RESEARCH AND ANALYSIS SECTION
in cooperation with
EMPLOYMENT AND TRAINING ADMINISTRATION,
U.S. DEPARTMENT OF LABOR

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INTRODUCTION

Information presented in this report is taken from the Employment Security's ESARS (Employment Service Automated Reporting System) and the ES 203 monthly report on the insured unemployed.

Occupations are broken down into 9 categories with various divisions for each category, as specified in the Dictionary of Occupational Titles, the most detailed and comprehensive of occupational classification systems in use today.

Section one provides information on characteristics of the insured unemployed including sex, race (white or non-white), average claim duration, and occupation.

Section two deals with job openings within Montana, including total number of jobs received, total number filled and total number unfilled. Information is also given on the characteristics of claimants who are presently seeking work through Montana Job Service Offices.

D.O.T. - Dictionary of Occupational Titles

SECTION I

CHARACTERISTICS OF THE INSURED UNEMPLOYED[1/]

(FIGURES ARE FOR THE WEEK INCLUDING THE 12th DAY OF THE MONTH.)

1/ SOURCE - ES-203 REPORT

INSURED UNEMPLOYED CLAIMS ACTIVITY

HIGHLIGHTS

To a great extent, third quarter unemployment claims activity reflected seasonal patterns in Montana's industries. The insured unemployment rate continued to show general improvement over previous months, dropping to a level of 2.5% in September. This compares favorably with July's rate of 3.3% and August's rate of 2.6%.

The industrial composition of the sample of third quarter claims was approximately the same as in past months, with the construction, trade, and service sectors being the sources of the greatest percentage of claims. These three sectors also showed the greatest amounts of change in claims activity from the second quarter of 1977. As a portion of all claims in the sample, those coming from the construction industry were 8.7% fewer than in the second quarter, while claims from the service sector constituted 3.9% more of the sample, and those from the trade sector amounted to 6.0% more of the total than during the previous quarter. These changes show no abnormal movement overall for the months involved. High levels of building activity in the state during recent months have helped keep unemployment insurance claims in that sector at a relatively low level. In contrast, the ending of the summer tourist season was a likely contributor to the increase in claims activity in the trade and service sectors.

Examination of third quarter claims figures broken down by major occupational groups reveals structural, clerical, and service occupations as the sources of the greatest percentage of claims. These three groups

accounted for 65.8% of the sample of claims recorded during July, August, and September. The clerical and service groups showed increases over second quarter figures of 9.0% and 3.0%, respectively, in their contribution to total claims. On the other hand, structural occupations accounted for 8.9% fewer claims than they did during the previous quarter. These changes are generally consistent with the changes noted according to industrial sector.

Some normal change in claims patterns from the second to third quarter was evident in the percentage of female claims as compared with male claims. As a portion of the sample of all claims, those from females showed consistent increases over second quarter figures. This type of change has followed a seasonal pattern in recent years, with females filing a greater proportion of claims in August, September, and October. In light of this trend, the increase in female claims activity should not be interpreted as being an unusually adverse phenomenon.

Table I provides a breakdown of unemployment claims by industry.

Table II supplements the information provided in Table I by listing the number of claims in two major local offices, Billings and Great Falls.

Table I

INDUSTRIAL CHARACTERISTICS OF THE INSURED UNEMPLOYED - MONTANA

INDUSTRY	SAMPLE NUMBER OF CLAIMS		
JULY 1977	Total	Male	Female
Mining	272	230	42
Construction	916	883	33
Manufacturing	694	582	112
Transportation, Communication, Public Utilities	210	135	75
Trade	1,374	602	772
Finance, Insurance, Real Estate	145	48	97
Service	1,304	416	888
Public Administration	305	145	160
TOTAL	5,220	3,041	2,179
AUGUST 1977			
Mining	241	204	37
Construction	701	673	28
Manufacturing	570	464	106
Transportation, Communication, Public Utilities	194	118	76
Trade	1,321	568	753
Finance, Insurance, Real Estate	131	40	91
Service	1,314	387	927
Public Administration	299	137	162
TOTAL	4,771	2,591	2,180
SEPTEMBER 1977			
Mining	307	277	30
Construction	798	759	39
Manufacturing	584	451	133
Transportation, Communication, Public Utilities	214	150	64
Trade	1,441	652	789
Finance, Insurance, Real Estate	163	54	109
Services	1,335	418	917
Public Administration	342	169	173
TOTAL	5,184	2,930	2,254
THIRD QUARTER 1977			
Mining	820	711	109
Construction	2,415	2,315	100
Manufacturing	1,848	1,497	351
Transportation, Communication, Public Utilities	618	403	215
Trade	4,136	1,822	2,314
Finance, Insurance, Real Estate	439	142	297
Services	3,953	1,221	2,732
Public Administration	946	451	495
TOTAL	15,175	8,562	6,613

Table II

INDUSTRIAL CHARACTERISTICS OF THE INSURED UNEMPLOYED

INDUSTRY	BILLINGS SAMPLE NUMBER OF CLAIMS			GREAT FALLS SAMPLE NUMBER OF CLAIMS		
JULY 1977	Total	Male	Female	Total	Male	Female
Mining	38	31	7	5	3	2
Construction	204	197	7	86	82	4
Manufacturing	93	74	19	36	28	8
Transportation, Communication, Public Utilities	36	16	20	37	26	11
Trade	229	123	106	134	98	126
Finance, Insurance, Real Estate	22	8	14	22	8	14
Services	156	54	102	134	43	91
Public Administration	22	8	14	22	12	10
TOTAL	800	511	289	566	300	266
AUGUST 1977						
Mining	30	22	8	3	2	1
Construction	151	147	4	73	69	4
Manufacturing	81	64	17	38	29	9
Transportation, Communication, Public Utilities	41	16	25	28	16	12
Trade	242	126	116	209	97	112
Finance, Insurance, Real Estate	24	9	15	10	7	3
Services	194	55	139	144	41	103
Public Administration	21	10	11	19	12	7
TOTAL	785	449	336	535	273	262
SEPTEMBER 1977						
Mining	21	15	6	7	7	-
Construction	183	174	9	85	82	3
Manufacturing	65	44	21	47	35	12
Transportation, Communication, Public Utilities	35	22	13	39	28	11
Trade	223	111	112	224	108	116
Finance, Insurance, Real Estate	23	3	20	28	10	18
Services	175	46	129	136	50	86
Public Administration	28	14	14	29	18	11
TOTAL	753	429	324	595	338	257

While Table I shows the industrial sector in which unemployed claimants were last employed, Table III shows what specific type of work these claimants were doing.

Table IV gives a breakdown of unemployment claims by occupational category for the Billings and Great Falls areas.

Table III

OCCUPATIONAL CHARACTERISTICS OF THE INSURED UNEMPLOYED - MONTANA

DOT	MAJOR OCCUPATIONAL TITLES	SAMPLE NUMBER OF CLAIMS				
JULY 1977		All Claims	Female	Male	White	Non-White
0	Professional, Technical & Managerial	241	144	97	220	21
1	Professional, Technical & Managerial	320	144	176	276	44
2	Clerical & Sales	1,147	962	185	1,099	48
3	Service	984	771	213	914	70
4	Farming, Fishing, Forestry & Related	39	7	32	37	2
5	Processing	74	14	60	71	3
6	Machine Trades	305	36	269	300	5
7	Bench Work	50	18	32	40	10
8	Structural Work	1,320	13	1,307	1,222	98
9	Miscellaneous	740	70	670	705	35
TOTAL		5,220	2,179	3,041	4,884	336
AUGUST 1977						
0	Professional, Technical & Managerial	251	151	100	224	27
1	Professional, Technical & Managerial	328	169	159	283	45
2	Clerical & Sales	1,112	930	182	1,068	44
3	Service	958	775	183	892	66
4	Farming, Fishing, Forestry & Related	34	6	28	31	3
5	Processing	73	23	50	71	2
6	Machine Trades	278	26	252	276	2
7	Bench Work	40	12	28	35	5
8	Structural Work	1,088	13	1,075	1,019	69
9	Miscellaneous	609	75	534	583	26
TOTAL		4,771	2,180	2,591	4,482	289
SEPTEMBER 1977						
0	Professional, Technical & Managerial	282	177	105	262	20
1	Professional, Technical & Managerial	364	191	173	314	50
2	Clerical & Sales	1,181	983	198	1,142	39
3	Service	1,015	761	254	949	66
4	Farming, Fishing, Forestry & Related	38	5	33	37	1
5	Processing	67	18	49	65	2
6	Machine Trades	302	24	278	299	3
7	Bench Work	47	17	30	40	7
8	Structural Work	1,173	19	1,154	1,087	86
9	Miscellaneous	715	59	656	684	31
TOTAL		5,184	2,254	2,930	4,879	305

Table IV

OCCUPATIONAL CHARACTERISTICS OF THE INSURED UNEMPLOYED

DOT MAJOR OCCUPATIONAL TITLES	BILLINGS SAMPLE NUMBER OF CLAIMS			GREAT FALLS SAMPLE NUMBER OF CLAIMS		
JULY 1977	Total	Male	Female	Total	Male	Female
0 Professional, Technical, & Managerial	20	9	11	32	12	20
1 Professional, Technical, & Managerial	45	32	13	45	31	14
2 Clerical & Sales	206	33	173	177	33	144
3 Service	84	25	59	89	15	74
4 Farming, Fishing, Forestry, & Related	7	7	-	1	1	-
5 Processing	9	7	2	10	8	2
6 Machine Trades	16	15	1	26	25	1
7 Bench Work	11	7	4	4	3	1
8 Structural Work	282	278	4	112	111	1
9 Miscellaneous	120	98	22	700	61	9
TOTAL	800	511	289	566	300	266
AUGUST 1977						
0 Professional, Technical, & Managerial	29	12	17	33	10	23
1 Professional, Technical, & Managerial	39	26	13	39	29	10
2 Clerical & Sales	208	37	171	160	31	129
3 Service	114	24	90	107	20	87
4 Farming, Fishing, Forestry, & Related	3	3	-	5	5	-
5 Processing	16	10	6	5	3	2
6 Machine Trades	18	17	1	23	23	-
7 Bench Work	7	5	2	6	4	2
8 Structural Work	235	229	6	92	91	1
9 Miscellaneous	116	86	30	65	57	8
TOTAL	785	449	336	535	272	262
SEPTEMBER 1977						
0 Professional, Technical, & Managerial	24	6	18	34	8	26
1 Professional, Technical, & Managerial	46	26	20	43	30	13
2 Clerical & Sales	202	33	169	159	27	132
3 Service	109	21	88	106	33	73
4 Farming, Fishing, Forestry, & Related	4	4	-	6	6	-
5 Processing	10	7	3	12	11	1
6 Machine Trades	18	18	-	21	21	-
7 Bench Work	3	3	-	9	7	2
8 Structural Work	236	229	7	107	107	-
9 Miscellaneous	101	82	19	98	88	10
TOTAL	753	429	324	595	338	257

Table V gives a more complete breakdown of the information presented in Table III. Any specific division (occupation) which represents over 10% of the sample claims filed for the category under which it is listed is considered. The total claim figure in this division is compared with the claim figure for its category and a percentage is listed.

Table V
SELECTED OCCUPATIONAL CHARACTERISTICS
GREATER THAN 10% OF TOTAL SAMPLE CLAIMS FOR EACH OCCUPATION

MONTANA

JULY 1977

DOT	Occupations	Female	Male	White	Non-White	Total	% of Category Total
079.8	Medicine & Health	25	2	27	0	27	11.3
092.8	Primary & Kindergarten Education	27	4	24	7	31	12.9
0	PROFESSIONAL, TECHNICAL, & MANAGERIAL	144	197	220	21	241	100.0
100.8	Librarians	39	1	24	16	40	12.5
169.8	Administrative Specializations	17	22	37	2	39	12.2
187.8	Service Industry Managers	19	17	34	2	36	11.2
1	PROFESSIONAL, TECHNICAL, & MANAGERIAL	144	176	276	44	320	100.0
210.8	Bookkeepers	112	9	119	2	121	10.5
219.8	Computing & Account Recording	164	5	149	20	169	14.7
290.8	Food Salesperson	126	19	142	3	145	12.6
2	CLERICAL & SALES	962	185	1,099	48	1,147	100.0
311.8	Waiters, Waitresses, & Related	122	2	120	4	124	12.6
3	SERVICE	771	213	914	70	984	100.0
413.4	Livestock Farming	1	3	4	0	4	10.3
421.3	General Farming	0	6	5	1	6	15.4
4	FARMING, FISHING, FORESTRY, & RELATED	7	32	37	2	39	100.0
519.7	Recovery Operator or Tank House Operator	0	13	12	1	13	17.6
5	PROCESSING	14	60	71	3	74	100.0
620.1	Automotive Supervisor	1	54	55	0	55	18.0
667.2	Sawing	17	96	110	3	113	37.0
6	MACHINE TRADES	36	269	300	5	305	100.0
704.1	Engraving, Etching, & Related Work	1	9	10	0	10	20.0
785.1	Tailors & Dressmakers	5	0	5	0	5	10.0
7	BENCH WORK	18	32	40	10	50	100.0
860.1	Carpenter Supervisor	0	155	142	13	155	11.7
869.4	Measurer, Construction	5	171	156	20	176	13.3
869.7	Miscellaneous	1	235	200	36	236	17.9
8	STRUCTURAL WORK	13	1,307	1,222	98	1,320	100.0
905.3	Heavy Truck Drivers	2	99	95	6	101	13.6
9	MISCELLANEOUS	70	670	705	35	740	100.0

Table V
SELECTED OCCUPATIONAL CHARACTERISTICS
GREATER THAN 10% OF TOTAL SAMPLE CLAIMS FOR EACH OCCUPATION

MONTANA

AUGUST 1977

DOT	Occupations	Female	Male	White	Non-White	Total	% of Category Total
079.8	Medicine & Health	24	1	23	2	25	[illegible]
091.8	Secondary School Education	12	16	27	1	28	[illegible]
092.8	Primary & Kindergarten Education	40	6	38	8	46	[illegible]
0	PROFESSIONAL, TECHNICAL, & MANAGERIAL	151	100	124	27	251	[illegible]
100.8	Librarians	68	1	46	23	69	[illegible]
169.8	Administrative Specializations	14	19	31	2	33	[illegible]
1	PROFESSIONAL, TECHNICAL, & MANAGERIAL	169	159	283	45	328	[illegible]
219.8	Computing & Account Recording	159	3	144	18	162	[illegible]
290.8	Sales Clerks	120	19	137	2	139	[illegible]
2	CLERICAL & SALES	930	182	1,068	44	1,112	[illegible]
311.8	Waiters, Waitresses, & Related	132	3	133	2	135	[illegible]
3	SERVICE	775	183	892	66	958	[illegible]
413.4	Livestock Farming	2	2	4	0	4	[illegible]
421.3	General Farming	0	4	4	0	4	[illegible]
421.7	General Farm Laborer	0	5	4	1	5	[illegible]
4	FARMING, FISHING, FORESTRY & RELATED	6	28	31	3	34	[illegible]
519.7	Recovery Operator or Tank House Operator	1	11	11	1	12	[illegible]
5	PROCESSING	23	50	71	2	73	[illegible]
620.1	Supervisor, Automobile Mechanic	1	43	44	0	44	[illegible]
667.2	Sawing	12	84	95	1	96	[illegible]
6	MACHINE TRADES	26	252	276	2	278	[illegible]
701.1	Supervisor, Assembly & Packing	0	8	8	0	8	[illegible]
785.1	Tailors & Dressmakers	4	0	4	0	4	[illegible]
7	BENCH WORK	12	28	35	5	40	[illegible]
869.4	Measurer, Construction	4	167	154	17	171	[illegible]
869.7	Miscellaneous Construction Worker	1	173	160	14	174	[illegible]
8	STRUCTURAL WORK	13	1,075	1,019	69	1,088	[illegible]
905.3	Heavy Truck Drivers	3	89	87	5	92	[illegible]
929.7	Conveyor-Line Operator	1	71	71	1	72	[illegible]
9	MISCELLANEOUS	75	534	583	26	609	[illegible]

Table V
SELECTED OCCUPATIONAL CHARACTERISTICS
GREATER THAN 10% OF TOTAL SAMPLE CLAIMS FOR EACH OCCUPATION

MONTANA

SEPTEMBER 1977

DOT	Occupations	Female	Male	White	Non-White	Total	% of Category Total
079.8	Medicine & Health	39	1	38	2	40	14.2
091.8	Secondary School Education	22	14	34	2	36	12.8
092.8	Primary & Kindergarten Education	36	10	44	2	46	16.3
0	PROFESSIONAL, TECHNICAL, & MANAGERIAL	177	105	262	20	282	100.0
100.8	Librarians	70	3	48	25	73	20.1
169.8	Administrative Specializations	17	20	33	4	37	10.2
187.8	Service Industry Managers	17	19	35	1	36	10.0
1	PROFESSIONAL, TECHNICAL, & MANAGERIAL	191	173	314	50	364	100.0
219.8	Computing & Account Recording	193	7	189	11	200	16.9
290.8	Sales Clerks	122	20	140	2	142	12.0
2	CLERICAL & SALES	983	198	1,142	39	1,181	100.0
311.8	Waiters, Waitresses & Related	132	5	135	2	137	13.5
3	SERVICE	761	254	949	66	1,015	100.0
413.4	Livestock Farming	2	2	4	0	4	10.5
421.3	General Farming	0	4	4	0	4	10.5
421.7	General Farm Laborer	0	6	6	0	6	15.8
4	FARMING, FISHING, FORESTRY, & RELATED	5	33	37	1	38	100.0
519.7	Recovery Operator or Tank House Operator	1	6	6	1	7	10.4
525.1	Slaughtering, Breaking, Curing Meats, Foreman	2	5	7	0	7	10.4
526.1	Cooking & Baking, Foreman	4	3	7	0	7	10.4
5	PROCESSING	18	49	65	2	67	100.0
620.1	Supervisor, Automobile Mechanic	0	52	52	0	52	17.2
667.2	Sawing	13	85	96	2	98	32.5
6	MACHINE TRADES	24	278	299	3	302	100.0
700.1	Jewelry Fabrication & Repair, Foreman	0	7	7	0	7	14.9
7	BENCH WORK	17	30	40	7	47	100.0
860.1	Supervisor, Carpenter	0	138	135	3	138	11.8
869.4	Measurer, Construction	8	157	145	20	165	14.1
869.8	Miscellaneous Construction, Laborer	1	196	167	30	197	16.8
8	STRUCTURAL WORK	19	1,154	1,087	86	1,173	100.0
905.3	Heavy Truck Drivers	0	89	83	6	89	12.4
929.7	Conveyor Line Operator	2	91	90	3	93	13.0
939.1	Metal Extraction, Foreman	0	82	80	2	82	11.5
9	MISCELLANEOUS	59	656	684	31	715	100.0

Table VII gives a summary of previous data. Percent distributions are listed for female, male, white, and non-white claimants.

A breakdown of recent changes in the number of unemployment claims is listed on Table VIII. The general pattern for the quarter shows decreases in claims during the summer months and increasing numbers as fall approaches.

Table VII
PERCENT DISTRIBUTION OF OCCUPATIONAL CHARACTERISTICS

MONTANA

DOT Major Occupational Titles	% of all Sample Male Claims	% of all Sample Female Claims	Male Claims as % of all Sample Claims	Female Claims as % of all Sample Claims	% of Total	% of White Claims	% of Non-White Claims	White Claims as % of all Sample Claims	Non-White Claims as % of all Sample Claims
JULY 1977									
0 Prof.,Tech.,& Mgrl	3.2	6.6	1.9	2.8	4.7	4.5	6.2	4.2	.4
1 Prof.,Tech.,& Mgrl	5.9	6.6	3.4	2.8	6.2	5.7	13.1	5.3	.8
2 Clerical & Sales	6.1	44.2	3.5	18.4	21.3	22.5	14.3	21.1	.9
3 Service	7.0	35.4	4.1	14.8	18.3	16.7	20.8	17.5	1.3
4 Farm,Fish,For.,Etc.	1.1	.3	.6	.1	.7	.8	.6	.7	-
5 Processing	2.0	.6	1.2	.3	1.5	1.5	.9	1.4	.1
6 Machine Trades	8.5	1.7	5.2	.7	5.9	6.1	1.5	5.7	.1
7 Bench Work	1.0	.8	.6	.3	.9	.8	3.0	.8	.2
8 Structural Work	48.0	.6	25.0	.2	25.2	25.0	29.2	23.4	1.9
9 Miscellaneous	22.0	3.2	12.8	1.3	14.1	14.4	10.4	13.5	.7
TOTAL	100.0	100.0	58.3	41.7	100.0	100.0	100.0	93.6	6.4
AUGUST 1977									
0 Prof.,Tech.,& Mgrl	3.9	6.9	2.1	3.2	5.3	5.0	3.4	4.7	.6
1 Prof.,Tech.,& Mgrl	6.1	7.7	3.3	3.5	6.8	6.3	15.6	5.9	.9
2 Clerical & Sales	7.0	42.7	3.8	19.5	23.3	23.8	15.3	22.4	.9
3 Service	7.1	35.5	3.3	16.7	20.0	19.9	22.8	18.7	1.4
4 Farm,Fish,For.,Etc.	1.1	.3	.6	.1	.7	.7	1.0	.7	.1
5 Processing	1.9	1.1	1.1	.5	1.6	1.6	.7	1.5	0
6 Machine Trades	5.7	1.2	5.3	.5	5.9	6.2	.7	5.8	0
7 Bench Work	1.1	.6	.6	.3	.9	.8	1.7	.7	.1
8 Structural Work	41.5	.6	22.5	.3	22.8	22.7	23.9	21.4	1.5
9 Miscellaneous	20.6	3.4	11.2	1.6	12.8	13.0	9.0	12.2	.5
TOTAL	100.0	100.0	54.3	45.7	100.0	100.0	100.0	94.0	6.0
SEPTEMBER 1977									
0 Prof.,Tech.,& Mgrl	3.6	7.9	2.0	3.4	5.4	5.4	6.6	5.0	.4
1 Prof.,Tech.,& Mgrl	5.3	8.5	3.3	3.7	7.0	6.4	16.4	6.1	1.0
2 Clerical & Sales	6.7	43.6	3.8	19.0	22.8	23.4	12.8	22.0	.7
3 Service	8.7	33.9	4.3	14.7	19.6	19.5	21.6	18.3	1.3
4 Farm,Fish,For.,Etc.	1.1	.4	.7	.1	.7	.7	.3	.7	0
5 Processing	1.7	.9	.9	.3	1.3	1.3	.6	1.2	0
6 Machine Trades	5.5	1.1	5.4	.5	5.9	6.1	1.0	5.8	.1
7 Bench Work	1.9	.7	.6	.3	.9	.9	2.3	.8	.1
8 Structural Work	39.1	.8	22.3	.4	22.7	22.5	28.2	21.0	1.7
9 Miscellaneous	22.4	3.6	12.7	1.1	13.8	14.0	10.2	13.2	.6
TOTAL	100.0	100.0	56.8	43.2	100.0	100.0	100.0	94.1	5.9

Table VIII
INDUSTRIAL AND OCCUPATIONAL ATTACHMENT OF THE INSURED UNEMPLOYED
BASED ON A SAMPLE OF TOTAL CLAIMS

MONTANA

INDUSTRY	SEPT. 1977	AUG. 1977	JULY 1977	NET CHANGE AUG.-SEPT. 1977	NET CHANGE JULY-SEPT. 1977	PERCENT CHANGE AUG.-SEPT. 1977	PERCENT CHANGE JULY-SEPT. 1977
Mining	307	241	272	66	35	27.4	12.9
Construction	798	701	916	97	-118	13.8	-12.9
Manufacturing	584	570	694	14	-110	2.5	-15.9
Transportation, Communication, Public Utilities	214	194	210	20	4	10.3	1.9
Trade	1,441	1,321	1,374	120	67	9.1	4.9
Finance, Insurance, Real Estate	163	131	145	32	18	24.4	12.4
Service	1,335	1,314	1,304	21	31	1.6	2.4
Public Administration	342	299	305	43	37	14.4	12.1
TOTAL	5,184	4,771	5,220	413	-36	8.7	-.07

DOT	OCCUPATION						
0	Professional, Technical, & Managerial	282	251	241	31	41	12.4	17.0
1	Professional, Technical, & Managerial	364	328	320	36	44	11.0	13.8
2	Clerical & Sales	1,181	1,112	1,147	69	34	6.2	3.0
3	Service	1,015	958	984	57	31	5.9	3.2
4	Farming, Fishing, Forestry & Related	38	34	39	4	-1	11.8	-2.6
5	Processing	67	73	74	-6	-7	-8.2	-9.5
6	Machine Trades	302	278	305	24	-3	8.6	-1.0
7	Bench Work	47	40	50	7	-3	17.5	-6.0
8	Structural Work	1,173	1,088	1,320	85	-147	7.8	-11.1
9	Miscellaneous	715	609	740	106	-25	17.4	-3.4
TOTAL		5,184	4,771	5,220	413	-36	8.7	-.07

SECTION II

UNFILLED JOB OPENINGS[1/]

1/ SOURCE - EMPLOYMENT SERVICE AUTOMATED REPORTING SYSTEM

UNFILLED JOB OPENINGS

The demand for workers in the various occupational groups during the third quarter was very similar to that of the previous quarter. As represented by statistics on unfilled job openings, the need for workers was most prominent in the service, and professional, technical, and managerial groups, which registered 22% and 19%, respectively, of all job openings in the state. Among the specific occupations which had the biggest number of unfilled openings were computing and account recording, waiters-waitresses, miscellaneous construction work, and package and materials handling.

The following tables in this section offer a more comprehensive look at job openings by selected occupations, as well as by major occupational groups.

Table IX gives a list of jobs with 10 or more unfilled openings. Hard-to-fill openings can be detected by the use of this table.

Table X summarizes job placement activity for the state. The category of other services had the largest number of job openings unfilled after 30 days, with professional, technical and managerial occupations close behind.

Table XI provides a breakdown of characteristics of applicants in the active files of Montana's local job service offices.

Table IX

UNFILLED JOB OPENINGS FOR SELECTED OCCUPATIONS
IN MONTANA'S JOB SERVICE OFFICES
JULY 1977

		NONAGRICULTURAL OPENINGS	
OCCUPATIONAL TITLE		UNFILLED OPENINGS	30 DAYS +
020	Mathematics Occupations	10	6
075	Registered Nurses	14	13
079	Medicine & Health Occupations, N.E.C.	20	15
099	Education Occupations	14	10
0	PROFESSIONAL, TECHNICAL, & MANAGERIAL		
160	Accountants & Auditors	16	9
169	Administrative Specializations	17	11
195	Social & Welfare Work	12	8
1	PROFESSIONAL, TECHNICAL, & MANAGERIAL		
201	Secretaries	33	10
209	Stenography, Typing, & Related, N.E.C.	41	9
210	Bookkeepers	22	9
211	Cashiers	12	2
213	Automatic Data Processing	11	2
219	Computing & Account Recording, N.E.C.	68	16
223	Stock Clerks & Related	54	9
237	Receptionists and Information Clerks	10	0
249	Miscellaneous Clerical	10	6
263	Textile Products Salespersons	14	5
289	Commodities Salespersons	36	11
290	Sales Clerks	54	22
2	CLERICAL & SALES		
304	House & Yard Workers	41	15
306	Domestic Housework	11	1
307	Nursing Attendants	26	7
311	Waiters, Waitresses, & Related	116	42
312	Bartenders	10	1
313	Chefs & Cooks, Large Hotels & Restaurants	56	22
314	Chefs & Cooks, Small Hotels & Restaurants	21	8
318	Kitchen Workers, N.E.C.	31	5
323	Housekeepers	46	4
332	Hairdressers & Cosmetologists	11	8
355	Attendants, Hospitals & Related	47	23
372	Guards & Related	13	2
381	Porters & Cleaners	17	4
382	Janitors	50	13
3	SERVICES		
406	Horticultural Specialty Work	10	10
407	Gardening & Groundskeeping	58	57
441	Forest Conservation Occupations	11	1
4	FARMING, FISHING, FORESTRY, & RELATED		
520	Processing, Food, and Related Products, N.E.C.	10	1
5	PROCESSING		

UNFILLED JOB OPENINGS FOR SELECTED OCCUPATIONS
IN MONTANA'S JOB SERVICE OFFICES
JULY 1977

		NONAGRICULTURAL OPENINGS	
OCCUPATIONAL TITLE		UNFILLED OPENINGS	30 DAYS +
620	Mechanics, Automobile	42	21
6	MACHINE TRADES		
807	Body Work, Transportation Equipment	11	5
821	Electrical Assembling, Installing, & Repairing	17	17
859	Excavating, Grading, Paving, & Related	16	10
860	Carpenters	30	16
869	Miscellaneous Construction	136	50
899	Miscellaneous Structural Work	23	3
8	STRUCTURAL WORK		
905	Heavy Truck Drivers	15	3
909	Motor Freight Transportation N.E.C.	12	1
915	Parking Lot Attendants	23	5
919	Miscellaneous Transportation	11	4
922	Materials, Moving & Storing	15	1
929	Packaging, & Materials Handling	78	23
940	Timber cutting & Related	45	35
942	Log Sorting, Gathering, Storing, & Related	11	8
9	MISCELLANEOUS		

Table IX
UNFILLED JOB OPENINGS FOR SELECTED OCCUPATIONS
IN MONTANA'S JOB SERVICE OFFICES
AUGUST 1977

		NONAGRICULTURAL OPENINGS	
OCCUPATIONAL TITLE		UNFILLED OPENINGS	30 DAYS +
005	Civil Engineering	11	9
018	Surveyor, N.E.C.	18	2
075	Registered Nurses	12	9
079	Medicine & Health Occupations, N.E.C.	28	12
091	Secondary School Education	10	6
099	Education Occupations	20	11
0	PROFESSIONAL, TECHNICAL, & MANAGERIAL		
160	Accountants & Auditors	14	6
166	Personnel & Training Administration	10	6
169	Administrative Specializations	18	7
185	Wholesale & Retail Trade Management	10	7
189	Miscellaneous Managers & Officials, N.E.C.	20	4
195	Social & Welfare Work	31	5
1	PROFESSIONAL, TECHNICAL, & MANAGERIAL		
201	Secretaries	44	9
209	Stenography, Typing & Related, N.E.C.	43	14
210	Bookkeepers	26	5
211	Cashiers	14	1
213	Automatic Data Processing	11	1
219	Computing & Account Recording, N.E.C.	91	23
223	Stock Clerks & Related	25	9
249	Miscellaneous Clerical	15	5
250	Real Estate & Insurance Salespersons	16	7
263	Textile Products Salespersons	22	9
269	Commodities Salespersons	49	17
290	Sales Clerks	66	28
299	Merchandising Occupations, Exc. Sales	21	3
2	CLERICAL & SALES		
304	House & Yard Workers	24	14
305	Domestic Housework	14	4
307	Nursing Attendants	16	5
311	Waiters, Waitresses, & Related	184	45
312	Bartenders	12	3
313	Chefs & Cooks, Large Hotels, & Restaurants	59	20
314	Chefs & Cooks, Small Hotels, & Restaurants	20	8
315	Kitchen Workers, N.E.C.	63	6
323	Housekeepers	46	11
355	Attendants, Hospitals, & Related	59	26
359	Miscellaneous Personal Services, N.E.C.	10	4
372	Guards & Related	12	6
381	Porters & Cleaners	19	3
382	Janitors	55	23
3	SERVICES		
407	Gardening & Groundskeeping	48	43
4	FARMING, FISHING, FORESTRY, & RELATED		

UNFILLED JOB OPENINGS FOR SELECTED OCCUPATIONS
IN MONTANA'S JOB SERVICE OFFICES
AUGUST 1977

		NONAGRICULTURAL OPENINGS	
		UNFILLED OPENINGS	30 DAYS +
620	Mechanics, Automobile	44	17
6	MACHINE TRADES		
821	Electrical Assembling, Installing, & Repairing	17	17
840	Construction and Maintenance Painting & Related Work	18	1
859	Excavating, Grading, Paving, & Related	21	9
860	Carpenters	45	14
866	Roofing & Related Work	19	3
869	Miscellaneous Construction	127	50
899	Miscellaneous Structural Work	26	12
8	STRUCTURAL WORK		
905	Heavy Truck Drivers	14	3
906	Light Truck Drivers	25	5
909	Motor Freight Transportation, N.E.C.	18	1
913	Passenger Transportation, N.E.C.	20	0
915	Parking Lot Attendants	45	7
919	Miscellaneous Transportation	16	1
922	Materials, Moving, & Storing	16	1
929	Packaging, & Materials Handling	82	18
940	Timber Cutting & Related	49	17
9	MISCELLANEOUS		

Table IX
UNFILLED JOB OPENINGS FOR SELECTED OCCUPATIONS
IN MONTANA'S JOB SERVICE OFFICES
SEPTEMBER 1977

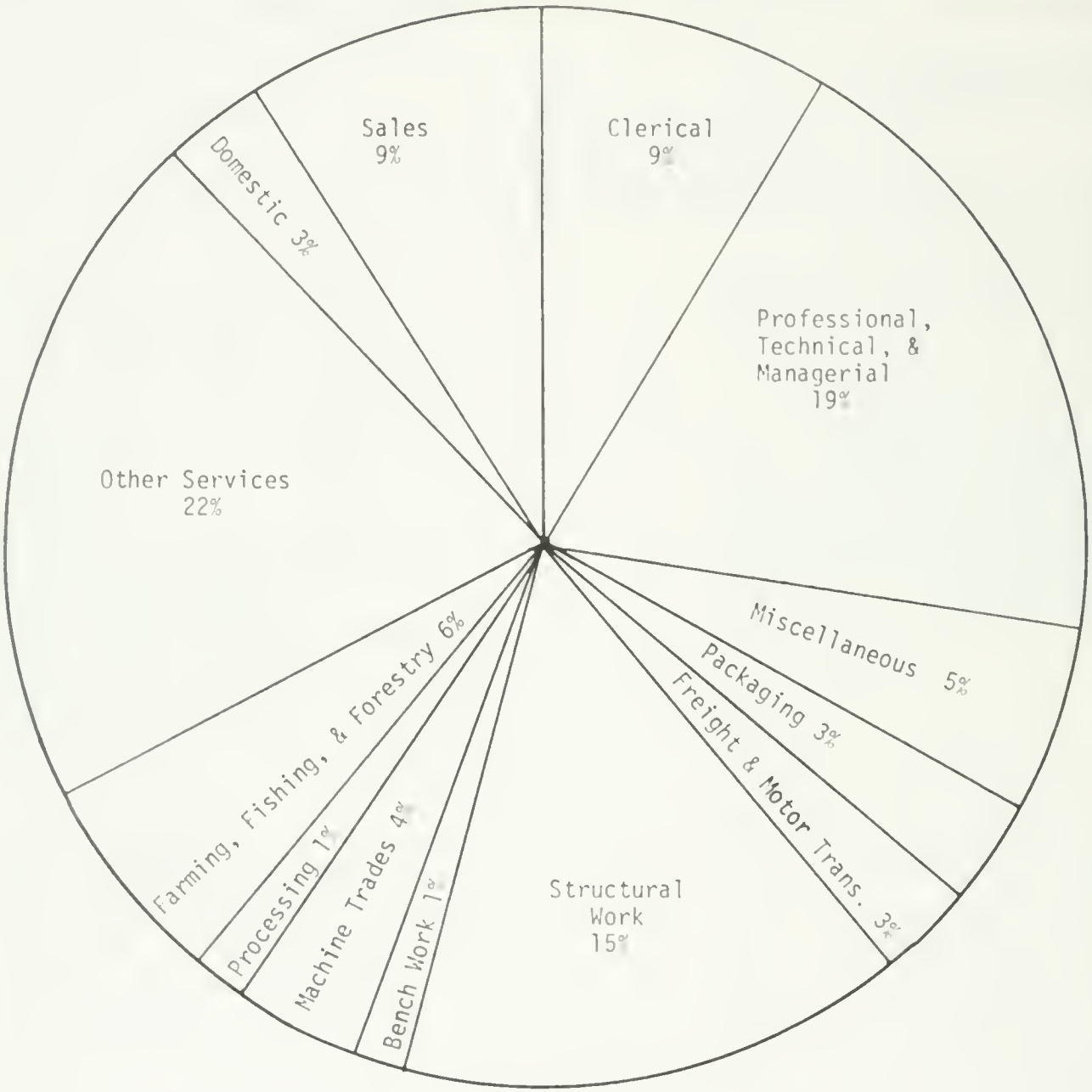
		NONAGRICULTURAL OPENINGS	
OCCUPATIONAL TITLE		UNFILLED OPENINGS	30 DAYS +
005	Civil Engineering	10	5
007	Mechanical Engineering	10	3
018	Surveyor, N.E.C.	19	12
020	Mathematics Occupations	14	6
075	Registered Nurses	10	7
079	Medicine & Health Occupations, N.E.C.	11	9
099	Education Occupations	22	12
0	PROFESSIONAL, TECHNICAL, & MANAGERIAL		
169	Administrative Specializations	20	14
187	Service Industry Management	11	3
189	Miscellaneous Managers & Officials, N.E.C.	20	7
195	Social & Welfare Work	30	16
1	PROFESSIONAL, TECHNICAL, & MANAGERIAL		
201	Secretaries	20	9
209	Stenography, Typing, & Related, N.E.C.	34	11
210	Bookkeepers	18	6
211	Cashiers	12	0
219	Computing & Account Recording, N.E.C.	63	24
223	Stock Clerks & Related	22	7
249	Miscellaneous Clerical	17	5
250	Real Estate & Insurance Salespersons	19	11
289	Commodities Salespersons	37	14
290	Sales Clerks	40	21
293	Canvassers & Solicitors	12	3
299	Merchandising Occupations, Exc. Sales	18	7
2	CLERICAL & SALES		
304	House & Yard Workers	13	0
306	Domestic Housework	12	8
311	Waiters, Waitresses, & Related	161	74
313	Chefs & Cooks, Large Hotels & Restaurants	38	18
318	Kitchen Workers, N.E.C.	49	24
323	Housekeepers	43	15
355	Attendants, Hospitals & Related	65	27
372	Guards & Related	12	1
381	Porters & Cleaners	16	6
382	Janitors	51	15
3	SERVICES		
407	Gardening & Groundskeeping	21	20
441	Forest Conservation Occupations	10	2
4	FARMING, FISHING, FORESTRY, & RELATED		

UNFILLED JOB OPENINGS FOR SELECTED OCCUPATIONS
IN MONTANA'S JOB SERVICE OFFICES
SEPTEMBER 1977

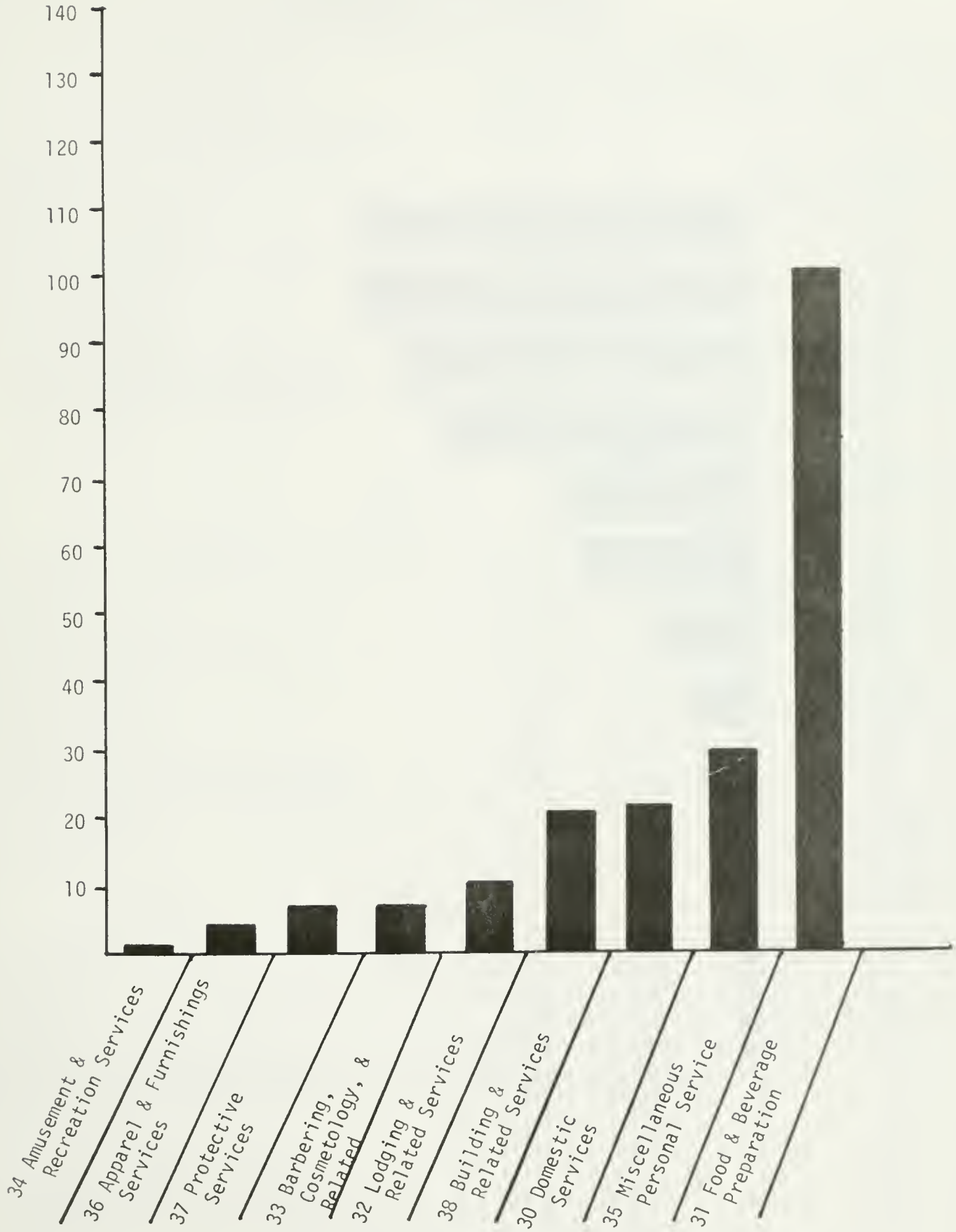
		NONAGRICULTURAL OPENINGS	
OCCUPATIONAL TITLE		UNFILLED OPENINGS	30 DAYS +
620	Mechanics, Automobile	34	14
667	Sawing Occupations	14	1
6	MACHINE TRADES		
821	Electrical Assembling, Installing, & Repairing	17	17
859	Excavating, Grading, Paving, & Related	13	7
860	Carpenters	37	10
866	Roofing & Related Work	17	10
869	Miscellaneous Construction	114	45
899	Miscellaneous Structural Work	27	9
8	STRUCTURAL WORK		
905	Heavy Truck Drivers	26	6
906	Light Truck Drivers	18	2
913	Passenger Transportation, N.E.C.	23	10
915	Parking Lot Attendants	24	5
919	Miscellaneous Transportation	12	3
922	Materials, Moving, & Storing	20	3
929	Packaging & Materials Handling	46	18
940	Timber Cutting & Related	55	31
9	MISCELLANEOUS		

UNFILLED JOB OPENINGS 30 DAYS OR
OLDER BY MAJOR OCCUPATIONAL GROUP

(Third Quarter 1977)



SERVICE OCCUPATIONAL GROUP:
Breakdown of Occupations with Job Openings Exceeding 30 Days
(Third Quarter)



PROFESSIONAL, TECHNICAL, & MANAGERIAL
BREAKDOWN OF OCCUPATIONS WITH
JOB OPENINGS EXCEEDING 30 DAYS.

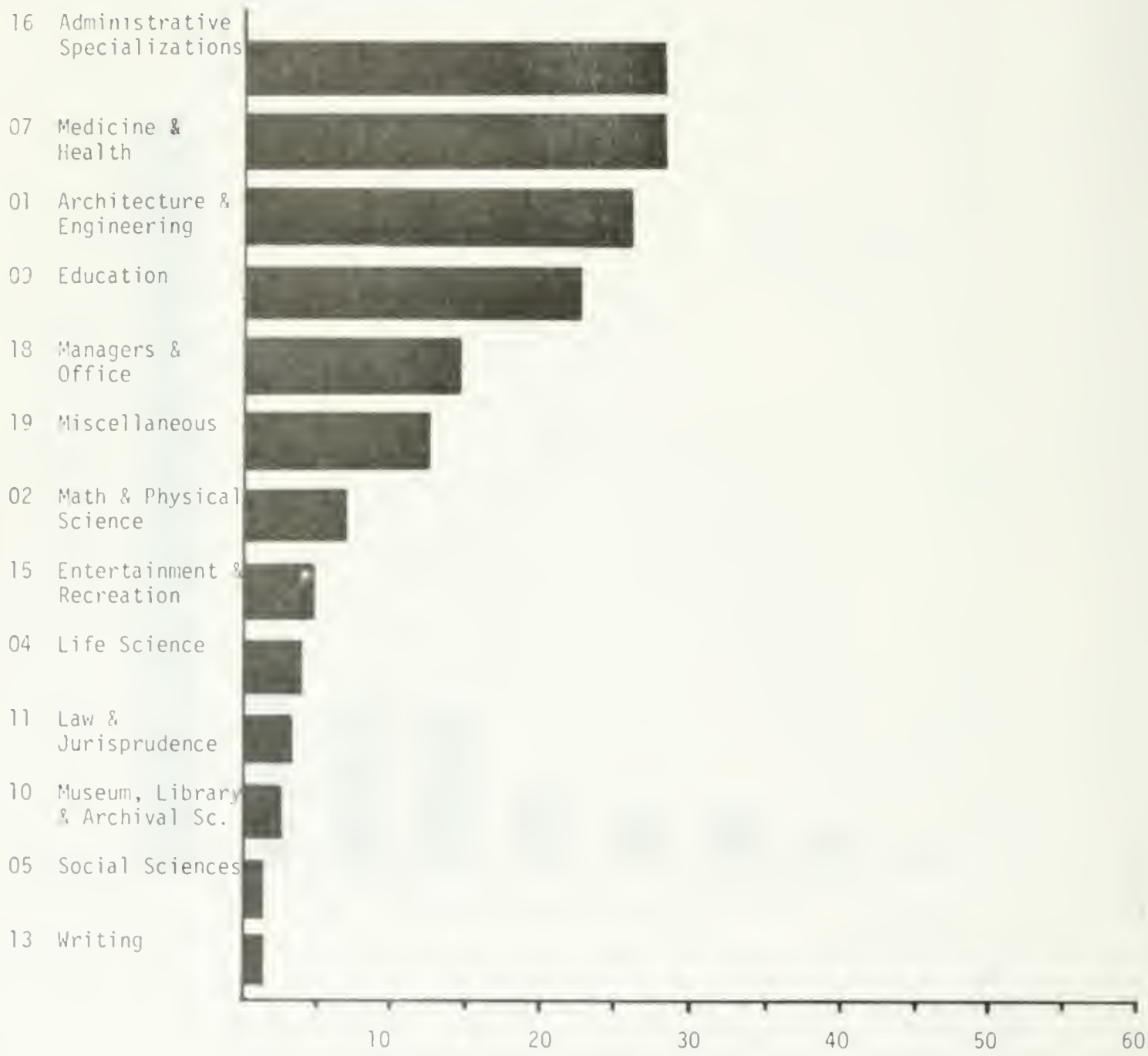


Table X
UNFILLED JOB OPENINGS BY
MAJOR OCCUPATIONAL GROUP

JULY 1977

D.O.T. Code	Occupational Title	Non-Agricultural Openings			
		Total Openings	Openings Filled	Unfilled Openings	30 days +
00-19	Professional, Technical & Managerial	2,012	1,205	287	167
20-24	Clerical	5,853	4,482	301	76
25-29	Sales	2,405	1,564	160	70
30	Domestic	2,932	2,712	94	27
31-39	Other Services	8,161	6,307	487	161
40-49	Farming, Fishing, & Forestry	1,494	1,385	87	71
50-59	Processing	757	713	20	5
60-69	Machine Trades	1,164	867	74	39
70-79	Bench Work	390	307	27	5
80-89	Structural Work	5,832	5,321	285	117
90-91	Motor Freight & Transportation	2,811	2,398	82	19
92	Packaging & Material Handling	6,394	6,155	105	31
93-97	Miscellaneous	1,116	909	79	52
	TOTAL	41,321	34,325	2,088	840

AUGUST 1977

00-19	Professional, Technical & Managerial	2,299	1,367	318	143
20-24	Clerical	6,578	5,010	324	77
25-29	Sales	2,736	1,755	224	90
30	Domestic	3,234	2,994	64	26
31-39	Other Services	9,541	7,328	621	176
40-49	Farming, Fishing, Forestry	1,711	1,613	66	44
50-59	Processing	799	746	21	8
60-69	Machine Trades	1,298	960	78	29
70-79	Bench Work	431	331	34	13
80-89	Structural Work	6,825	6,166	342	126
90-91	Motor Freight & Transportation	3,284	2,760	146	22
92	Packaging & Material Handling	7,304	6,998	108	23
93-97	Miscellaneous	1,260	1,021	76	26
	TOTAL	47,300	39,049	2,422	803

SEPTEMBER 1977

00-19	Professional, Technical & Managerial	2,682	1,643	306	155
20-24	Clerical	7,298	5,606	234	74
25-29	Sales	3,050	1,986	168	70
30	Domestic	3,486	3,235	46	13
31-39	Other Services	10,807	8,418	526	211
40-49	Farming, Fishing, & Forestry	1,780	1,708	34	24
50-59	Processing	857	800	15	3
60-69	Machine Trades	1,455	1,070	78	27
70-79	Bench Work	514	399	31	14
80-89	Structural Work	7,845	7,122	281	130
90-91	Motor Freight & Transportation	3,752	3,166	112	30
92	Packaging & Material Handling	8,190	7,877	78	23
93-97	Miscellaneous	1,411	1,134	82	41
	TOTAL	53,127	44,164	1,991	815

UNEMPLOYED CLAIMANT CHARACTERISTICS BY
MAJOR OCCUPATIONAL GROUP

(Third Quarter 1977)

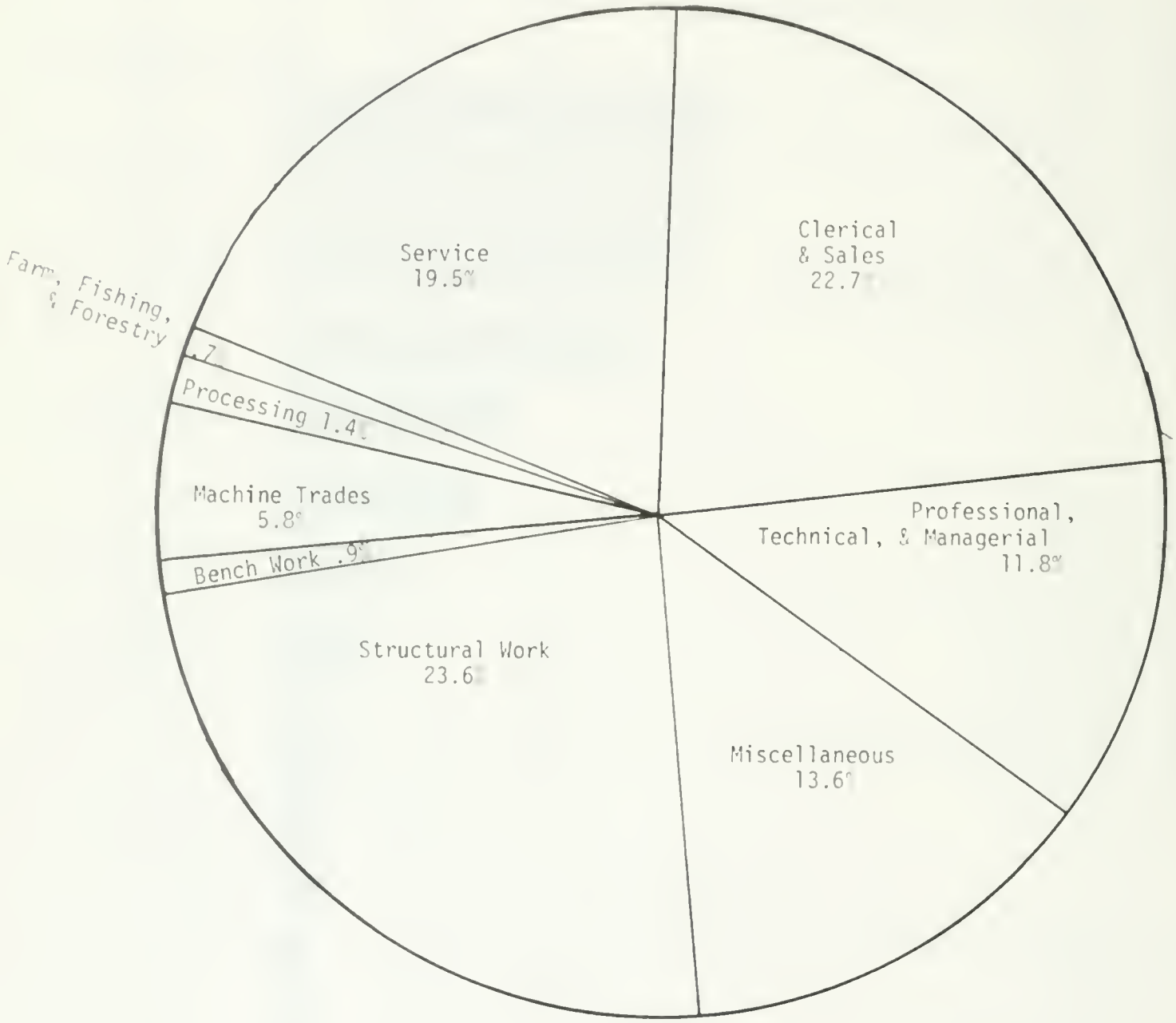


Table XI
SELECTED CHARACTERISTICS OF APPLICANTS
IN THE ACTIVE FILES OF MONTANA'S JOB SERVICE OFFICES

JULY 1977

D.O.T. Code	Occupational Title	Total	Female	Veteran	Minority	Economically Disadvantaged
00-19	Professional, Tech. & Managerial	3,099	1,377	885	240	357
20-24	Clerical	3,811	3,337	294	324	821
25-29	Sales	1,763	1,121	279	61	387
30	Domestic	1,056	580	45	128	338
31-39	Other Services	5,031	3,590	578	537	1,745
40-49	Farming, Fishing & Forestry	1,160	108	415	193	386
50-59	Processing	279	53	71	25	47
60-69	Machine Trades	1,249	70	600	65	258
70-79	Bench Work	296	146	77	73	94
80-89	Structural Work	4,358	73	1,876	435	909
90-91	Motor Freight & Transportation	1,587	139	694	97	270
92	Packaging & Material Handling	1,924	133	529	234	590
93-97	Miscellaneous	727	36	285	55	113
	Entry Level	2,129	1,169	234	295	741
	TOTAL	28,369	11,932	6,862	2,762	7,056

AUGUST 1977

00-19	Professional, Tech. & Managerial	3,053	1,386	856	230	390
20-24	Clerical	3,807	3,344	294	276	849
25-29	Sales	1,750	1,113	283	65	390
30	Domestic	886	521	46	108	334
31-39	Other Services	4,756	3,376	570	500	1,715
40-49	Farming, Fishing & Forestry	992	95	392	166	367
50-59	Processing	285	61	68	29	53
60-69	Machine Trades	1,226	62	567	68	246
70-79	Bench Work	278	133	68	68	91
80-89	Structural Work	3,879	66	1,670	421	900
90-91	Motor Freight & Transportation	1,467	142	620	88	267
92	Packaging & Material Handling	1,775	114	519	236	596
93-97	Miscellaneous	628	34	257	44	116
	Entry Level	1,872	1,052	234	250	701
	TOTAL	26,654	11,499	6,444	2,549	7,015

SEPTEMBER 1977

00-19	Professional, Tech. & Managerial	2,825	1,279	828	193	372
20-24	Clerical	3,886	3,452	281	281	864
25-29	Sales	1,783	1,163	273	68	383
30-39	Other Services	5,411	3,740	597	606	2,023
40-49	Farming, Fishing, & Forestry	895	87	359	139	331
50-59	Processing	251	56	63	20	51
60-69	Machine Trades	1,179	60	543	68	232
70-79	Bench Work	260	116	79	60	91
80-89	Structural Work	3,695	61	1,557	423	876
90-91	Motor Freight & Transportation	1,389	137	613	84	269
92	Packaging & Material Handling	1,665	114	505	221	542
93-97	Miscellaneous	509	36	200	49	109
	Entry Level	1,895	1,102	230	236	694
	TOTAL	25,643	11,403	6,128	2,448	6,837